



# Big Island Amateur Radio Club **BIARC BULLETIN**

**P.O. Box 1938 • Hilo, Hawaii 96721**

**APRIL 2005**

LOGO BY DON BARTRON NH6WW

## OFFICERS 2005

PRESIDENT BARBARA DARLING NH7FY  
982-9126  
VICE PRESIDENT SIDNEY SELLERS NH7OD  
756-4953  
TREASURER RON PHILLIPS AH6HN  
982-6513  
SECRETARY MIKE LAST NH7JT  
929-8422

## ONE YEAR DIRECTORS

DON BARTRON NH6WW 935-1258  
DORIS CARLSON, KH6ER 966-4676  
DENNIS CARVALHO, KH7H 883-2500  
RICHARD DARLING AH7G 982-9126  
RALPH FONTAINE, AH6RF 963-5178  
BILL PARRY NH7RQ 962-6219  
NANCY PARRY, NH7RT 962-6219

## TWO YEAR DIRECTORS

SEAN STUEBER NH7SA 933-2471  
CLIFTON LEONARD KH6XJ 345-0545  
KEN CUTTING KH7ZJ 938-5881  
LLOYD CABRAL, KH6LC 966-7782  
PAST PRESIDENT BOB SCHNEIDER, AH6J

## STANDING COMMITTEES

SERVICE/AWARDS HARRY NISHIYAMA, KH6FKG  
CO-CHAIR RON PHILLIPS, AH6HN  
EDUCATION HARVY MOTOMURA, AH6JA  
EMERGENCY COORD. H. NISHIYAMA, KH6FKG  
EQUIP. INV. WILBUR CARLSON, KH7E  
HEALTH & WELFARE NANCY PARRY, NH7RT  
HOSPITALITY GLORIA WHITELEY, ASSOC.  
NEWSLETTER EDITOR SEAN STUEBER NH7SA  
PROGRAMS SIDNEY SELLERS NH7OD  
REPEATER RON PHILLIPS, AH6HN  
WEBMASTER CLIFTON LEONARD, KH6XJ

## SPECIAL COMMITTEES

CHRISTMAS PARTY NANCY PARRY, NH7RT  
CO-CHAIR BILL PARRY, NH7RQ  
CLUB IMPROVEMENT H. NISHIYAMA, KH6FKG  
CO-CHAIR RON PHILLIPS, AH6HN  
FIELD DAY KEN BROWN, N6KB  
HAMFEST BOB SCHNEIDER, AH6J  
CO-CHAIR JOHN BUCK, KH7T  
QSL CARDS IN/OUT RICHARD DARLING, AH7G  
VOLCANO RIM RUN SEAN STUEBER, NH7SA  
CO-CHAIR CLIFTON LEONARD, KH6XJ

## PRESIDENT'S MESSAGE

Palm Sunday was an ideal weather day for the Big Island International Marathon- cool and cloudy. Some of us arrived at the bay front to setup at 5:30AM (the middle of the night it seemed) and those working up the Hamakua coast were at their aid stations by 5:45AM as the race started promptly at 6AM. I would like to thank the following for doing an excellent job of communications: "The Net Control area workers", Wilbur KH7E, Doris KH6ER, and Dick AH7G, "The extra-early crew up the coast", Harry KH6FKG, George KH6ANA, Sean NH7SA, Elisa NH7SX, Josh NH7SW and "the 8 o'clock crew" Sidney NH7OD, Shirley NH7OH, Nancy NH7RT, Bill NH7RQ, Ken KH7ZJ, Clifton KH6XJ, Lloyd KH6LC and Blake KH7MS. George KH6ANA came over from Kealahakua to give us a hand again this year. After working Aid station #2 he moved down to Onakahakaha Beach #13 and covered that station for us. Blake and George followed the last runner until 1PM (this is the cutoff time for the marathon). At 1PM the race officials pick up any runners left on the course. One of the marathoners from Houston, Texas completed his 50<sup>th</sup> state marathon

here in Hilo. There was a big celebration at the finish line by his family and members of the 50 State Marathon Club. Mayor Harry Kim was on hand to help pass out the awards to the marathoners. I took the opportunity to introduce myself and to extend an invitation for him to join us at Field Day in June.

We'd like to thank Ted, NH6YK, for the great program on Midway Island at our last General meeting. What a great crowd we had for his presentation. Ted is currently in the Marshall Islands for a couple weeks and hopes to operate from there using the call V73YK.

Sean, NH7SA, reported that he had made his first CW contact and Sidney NH7OD had a CW contact with Tahiti.

Congratulations to Larry Iwami, KH6ATQ, for receiving his 50 year award from ARRL. This is quite an accomplishment.

Ray Hicks, WH6CME, and his daughter Sandra Collins, have moved to Boise, Idaho. We are missing them both. We miss Ray on the 2 meter net as he was our net

*continued page 2*

## NEXT MEETING SATURDAY APRIL 9th 2:00 p.m.

At the Kea'au Community Center located off Old Volcano Road at the end of the street behind the Fire Station.

For our program today our secretary, Mike Last, NH7JT will be presenting a talk on Electronic Trivia, read more about it in the Presidents Message.

We will start with the program, then refreshments, and then have our short membership meeting.

Anyone interested in ham radio is welcome to attend.

## April Birthdays

KH6AK	Masaaki Masuda	3rd
KA0FBB	Nadine Ebert	4th
AH6J	Bob Schneider	8th
AL7P	Clifford Cullings	10th
KH6FKG	Harry Nishiyama	17th

*Happy Birthday to all !!*

## EAST HAWAII NET

East Hawaii Net meets on Monday, Wednesday and Friday mornings at 8AM, local time, on 146.76 mhz-. Sign on and check us out.

## BIARC WEBSITE

[www.interpac.net/~biarc](http://www.interpac.net/~biarc)

Thanks to webmaster  
Clifton Leonard, KH6XJ

## PRESIDENT'S MESSAGE

.....continued

control on Friday mornings. Chris Allen, WH6DCC, has taken over that slot for Ray. Hopefully once Ray and Sandra get settled, Ray will be able to get back on through EchoLink.

Mike NH7JT, our new secretary, is presenting our program on April 9th. I have titled his presentation "Electronic Trivia" as he will cover many topics in his short presentation. Some topics of interest that he will cover: HELCO residential electric rate structure; Utilizing your HELCO electric meter to determine your instantaneous demand-even if you have the new digital remote reading type; Calculating voltage drop very easily and determining if it will be a concern; and What are the effects of operating a resistive load such as a heater or incandescent lamp at a voltage below the design voltage. He assures me that these topics will be presented in a very easy to understand manner.

On April 9th at 3PM, after Mike's program, there will be license testing. Remember the fee has been changed to \$14 in cash.

Sidney, NH7OD, tried to get a pavilion at Wailoa Park for April but the next available date on a Saturday is September 3rd, so hopefully we will be having a pot luck get-together on that day.

Dave, KH7SO, is a member of the Lion's Club. One project that the Lions Club is noted for is their collection of eye glasses. If you have eye glasses that you are not using please bring them to lunch or

our meeting and we'll see that Dave gets them.

The first weekend in February was the 10-10 International 10 meter contest. The Aloha Chapter took first place for the second straight time and Ralph, AH6RF, took first place with 449 points. I finished 2nd in Hawaii. Congratulations Ralph on a job well done. Hopefully we'll be able to recruit a few more operators for the next contest.

Our thoughts and prayers will be with Mary, K6FK, as she undergoes hip replacement surgery in April.

Our thanks to the crew of Bob, AH6J, Lloyd, KH6LC, Clifton, KH6XJ, Bill, KH7E and Sidney, NH7OD for the cleaning up of the Pepeekeo repeater site recently.

Our thanks also to Harry, KH6FKG, for the class he conducted at Harvey's classroom, instructing 5 of us in making a J pole antenna and a connector for use on a dipole. The antenna that I made was used at the marathon and did a good job Harry!

Hope to see many of you at our April meeting. Hopefully we will have a winner to announce of our new membership contest. Last I heard our paid membership for this year was around 90 but most of these were past members.

Barbara NH7FY

## FOR SALE

Cushcraft R7 Vertical antenna  
\$100 or best offer.

The antenna is down  
Call Bill Carlson, KH7E 966-4676

## Membership Meeting Minutes for March 12, 2005

Call to order by the President at 2:05PM.

In attendance: 41 members (includes 3 associates), 2 guests.

(sign-in sheet is attached and made a part of the minutes).

President Barbara (NH7FY) asked everyone to introduce themselves and indicate anything noteworthy (radio related or otherwise).

Treasurer's report by Ron (AH6HN)- balance available on hand: \$2255.57 (subject to audit).

Membership stands at 85, not including monies and applications received today.

Contest for securing new members will continue thru the end March. Moved, seconded and approved

Secretary's report- as published in the February 2005 newsletter was approved

President reported the following:

Dates of importance:

Friday, April 1st - Board meeting

Saturday, April 9th - General Membership meeting. Speaker will be Mike (NH7JT) with the topic to be listed in the newsletter. There will also be testing for amateur exams following the meeting, with the fee now being \$14 payable in cash.

Sunday, March 20th - Big Island International Marathon (17 volunteers signed-on).

Barbara mentioned that the party for Ray Hicks (WH6CME) on February 13th at her residence was well received.

Thanks to all those who helped clean-up the Pepe'ekeo repeater site.

Thanks also to Harry (KH6FKG) for the antenna class he presented prior to the meeting.

John (KH7T) reported that on April 16th the North Hawai'i ARES is planning a demonstration of amateur radio communications at the Waimea Community Keiki Festival. Volunteers are needed not only for the site, but also as remote operators to conduct on-air communications with children of all ages and interested others.

Committee reports-

Christmas party- Nancy (NH7RT) is requesting return of the questionnaire that appeared in the February newsletter. Responses will be used to guide this year's party committee in formulating another successful event.

Next social event will be a pot luck on either April 16th or the 23rd. Sidney (NH7OD) will check on the availability of securing a pavilion at Wailoa River State Recreation Area.

The program for the afternoon was a wonderful, informative, interesting presentation about Midway Island by Ted (NH6YK). It was very well received.

Adjournment at 3:45PM.

Mike Last (NH7JT) Secretary

## WH6CME HAS MOVED

Ray Hicks temporary new address is P.O. Box 8431, Boise, Idaho 83707 and e-mail address is [2ofus@bigisland.net](mailto:2ofus@bigisland.net)

## CODE PRACTICE

Director Lloyd Cabral, KH6LC was so inspired at the last meeting by all the new hams and "no-code" licensees trying and enjoying CW for the first time, that he thought he should do something to encourage and help them along. So, he's available for "on the air" CW practice at any speed. Give him a call at 966-7782 to coordinate a day and time. Mornings and evenings work best. Thank you Lloyd !

## BIARC LENDING LIBRARY

- Basic Transistors by A. Schure
- Basic Electronics Volume 1 thru 6 by Van Valkenburgh of Nooger and Neville Inc.
- Basic Radio Volume 1 thru 6 by M. Tepper
- ARRL Handbook 1992
- Betty Bearcat Frequency Directory (Western USA Edition)
- Tune in the World with Ham Radio 8th Edition
- Hints and Kinks for the Radio Amateur
- The Radio Amateurs VHF Manual
- The Radio Handbook 13th Edition
- The ARRL Antenna Book

License Manuals for Technician, General and Extra Class and a set of ARRL Morse Code Tapes

Anyone who would like to borrow any of these please let me know. Call 982-9126 or e-mail me at [nh7fy@yahoo.com](mailto:nh7fy@yahoo.com)

Barbara NH7FY

**PEPEEKEO REPEATER****WORK PARTY**

On Thursday March 3, 2005 five volunteers from the Big Island Amateur Radio Club (BIARC) went to Alala Hill, the site of the 146.88 MHz Pepeekeo repeater, and helped clean the area. Jeremy Storm ( AH6V ), the station engineer, complemented the club for a job well done. The men from BIARC cut down trees, whacked back the foliage and applied herbicide.

The group met at 8AM at Jack in the Box and proceeded to the site in three vehicles. Those going were Lloyd Cabral ( KH6LC ), Sydney Sellers ( NH7OD ), Wilbur Carlson ( KH7E ), Bob Schneider ( AH6J ) and Clifton Leonard ( KH6XJ ). Access is through two locked gates

and a rough road. The site now houses three FM broadcast stations and several communications radios. Landscaping became sporadic years ago when the former Pepeekeo Sugar Company closed. The plantation had a regular crew to do the grounds work.

The dedication ceremony of all BIARC repeaters took place on that very site about 30 years ago when early BIARC members met there (about 30 people), prayed, had a speech and then celebrated with a picnic. BIARC maintains several repeaters at strategic locations in order to provide backup communications in case of emergencies. BIARC also provide communications support for events like the Volcano Rim Run and Heart Walk.

## HAWAI'I COUNTY ARES WANTS YOU!



The Hawai'i County Amateur Radio Emergency Service (ARES) is seeking to build its membership to new levels to support our county in the event of natural or man-made disasters or emergencies.

The Amateur Radio Emergency Service consists of licensed amateur radio operators who have voluntarily registered their qualifications and equipment for communications duty in the public interest when disaster strikes. Every amateur radio operator, regardless of membership in the American Radio Relay League (ARRL) or any other national or local organization, is eligible for membership in ARES. The only qualification, other than the possession of an amateur radio license, is a sincere desire to serve.

To learn more about becoming a member, please contact one of these Hawai'i ARES members: John Buck, KH7T, **885-9718**

Harvey Motomura, AH6JA, **959-7005**

Forrest McFall, K7CMK, **882-1233**

Rick Ward, WH6FC, **929-7673**

Dewey Proietti, NH6M, [NH6M@ARRL.NET](mailto:NH6M@ARRL.NET)

## ARES Meeting Agenda,

Thursday 07 April 2005,

7:00 PM North Hawai'i Community Hospital,

**Mauna Kea/Mauna Loa Rooms**

1. Discuss Keiki Fest (4/16/2005) as an Emcomm event (public service type exercise)

- a. Demonstrators - on site, w/ CW rigs and w/ HTs
- b. Communicators - on site w/HTs, plus w/HF rigs to home QTHs
- c. Home Communicators - talking both HF and VHF to Keiki Fest
- d. Preparations re: equipment, antennae, logs, messages(?)
- e. Preparations re: teaching and CW demos

2. Old Business:

- a. Last October's SET follow-up. Todo list items and status
- b. Report from Steve WH6N and Norm NH7UA re: digital radio, incl Winlink 2000
- c. Served agencies - status of ARC, SA, hospitals
- d. Report on ARES message handling net

3. New Business:

- a. Skywarn net Big Island Comm Coordinator discussion
- b. Emcomm exercises (our own mini-SETs) needed to prepare for Field Day in June
- c. Public service events as emcomm practice: Ironman, other races, ...
- d. Activation methods, network theorizing, & Rapid Response Teams needed
- f. NTS liaison needed
- g. Kohala link (or repeater) node for EchoLink and/or IRLP discussion
- h. Other (future) keiki teaching events (e.g., HAMsters)

Please attend if you can. Tnx and 73.

John Buck, KH7T,

ARES North Hawaii District Emergency Coordinator.

## VOLUNTEERS ARE NEEDED

ARES is planning a demonstration of amateur radio communications at the Waimea Community Keiki Festival on April 16th. Volunteers are needed not only for the site, but also as remote operators to conduct on-air communications with children of all ages and interested others.

Please plan to be on the air on Saturday, April 16th, to talk to the children at the Keiki Fest.

## EDITOR IS LEAVING

... but not real soon

As President Barbara mentioned a couple of months ago, I will be moving. What she didn't tell you was that I will be going to Pueblo West, Colorado to be near my children and grandchildren, at either the end of this year or by spring of 2006. My son and daughter and their families both left southern California and moved to the wide open spaces. After my visit last year, I decided that two visits a year was just not enough, I want to watch my three grandsons grow up and be part of their lives.

In joining BIARC I have made many friends and I plan to continue my membership after my move so I can keep in contact and know what is happening here. To top it all off, President Barbara received a phone call from a ham that was a wrong number, but since they were hams they had a nice conversation and she found out they live in Pueblo, Colorado. She mentioned that a member will be moving there, so she got their name and address and gave it to me so I can contact them when I get there, and they can fill me in on when and where their radio club meetings are held.

I have been the newsletter editor off and on for several years, so I was quite pleased when Sean Stueber, NH7SA, volunteered to take over the job. As I am now busy with sorting and packing Sean agreed to start with the May issue. Thank you Sean !

I will be coming back occasionally to visit the many friends I have made here.

73 & Aloha, Lori, AH6OS